

3) Root Mean Square ERROR (RMSE)
In MSE, we square the arroy so unit cannot be matched. So we need to square root (concelling the affect).
BMSE represents the standard deviation of residual (i.e, difference between
-> RMSE can be easily interpreted compare to MSE because RMSE units
-> RMSE provide an estimates of how large the residual are being depersed
RMSE = 1 = 2 (v x)
> BMSE is calculated by following steps -
1. Calculate the residual of every data point
2. Calculate the square value of residual.  3. Calculate the overage of square residual.
1. Obtain the square root of residual.
> Standard deviation is how much dispersion around the mean, how much I
a spread around the mean. In this context, how my residual is spread
Ish around the mean in one in the firstly stated to the state of
4) Mean Absolute percentage Error (MAPE)
The result as compared to training data.
- MAPE is equivalent to MAE but provides the error in a percentage form and therefore overcomes MAE limitations.
and therefore overcomes MAE limitations.  - MAPE might exhibit some limitations of the data point (y;) is zero of since there is division involved.
MAPE = 100% > (Y;-V;)
MAPE = 100% > (Y; - v;)  Mean percentage Error (MPE)  MPF is similar to MAPE but without the absolute operation. In MAPE we cannot compare positive and negative errors as compared absolute is used.
connet compare positive and negative error as sometro absolute is used.
As have many positive across as compared to regative ones
MPE = 100% \( \frac{1}{2} \)  (vi-vi)  A square or coefficient of determination represent the proportion of variance (of y) that has been explained by independent variables in the model.
6) R SQUARE (R2)
-> B square or coefficient of determination represent the proportion of variance
(of y) that has been explained by independent variables in the model.
-> if R2= 80, this means 80% of the increase in ice cream contrevenue is due to increase in temperature.